

10/510357 Patent #3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DT04 Rec'd PCT/PTO 05 OCT 2004

APPLICANT: Jing Hua Teng, et al.  
SERIAL NO.: Unassigned  
FILING DATE: October 5, 2004  
TITLE: METHOD FOR FORMING A  
MODIFIED SEMICONDUCTOR  
HAVING A PLURALITY OF BAND  
GAPS  
ART UNIT: Unknown  
EXAMINER: Unknown  
DOCKET NO.: 3136.ARTH.PT

CERTIFICATE OF MAILING  
UNDER 37 C.F.R. § 1.10

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*Julie K. Morris*  
Julie K. Morris

10-5-04  
Date of Deposit

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.98(a)(1), enclosed is Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed, pursuant to 37 C.F.R. § 1.97 (b), within three months of the filing date of the application, within three months of the date of entry of the national stage set forth in § 1.491 or before the mailing date of a first Office action on the merits. Applicant requests that the references cited in the enclosed form PTO-1449 be made of record in the above-captioned application. While no representation is made that any of the references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

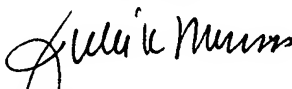
Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no reference which is more relevant to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with the waiver of 37 C.F.R. § 1.98(a)(2)(i) published in the Official Gazette on August 5, 2003 for U.S. patent applications filed after June 30, 2003, copies of each cited U.S. patent and each U.S. patent application publication are not enclosed. Applicant has submitted copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. § 1.98 (a)(2). Any listed reference that is not in the English language is accompanied by a concise explanation in English of its relevance as required under 37 C.F.R. § 1.98(a)(3)(i).

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0881.

DATED this 5<sup>th</sup> day of October, 2004.

Respectfully submitted,



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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

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Application Number

Assigned U / 510357

Filing Date

October 5, 2004

First Named Inventor

Jing Hua Teng

Group Art Unit

Examiner Name

Attorney Docket

3136.ARTH.PT

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-4,751,194	06-14-1988	Cibert et al.	
		US-5,238,868	08-24-1993	Elman et al.	
		US-5,395,793	03-07-1995	Charbonneau et al.	
		US-6,027,989	02-22-2000	Poole et al.	
		US-6,238,944	05-29-2001	Floyd	
		US-6,514,784	02-04-2003	Dubowski	
		US-2001/0041379	11-15-2001	Sakata	
		US-2002/0003918	01-10-2002	Ooi et al.	
		US-2002/0004253	01-10-2002	Ooi et al.	
		US-			
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		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		GB2358281	07-18-2001	Sharp Kabushiki Kaisha		
		GB2369492	05-29-2002	Kamelian Limited		

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Considered

\*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.